

21  
MEMO

NEW JERSEY STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION

TO Haig Kasabach

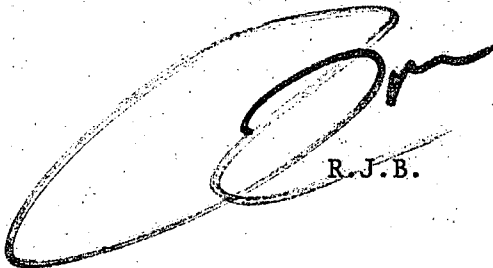
FROM Dr. Ronald J. Buchanan

DATE June 19, 1979

SUBJECT L. E. Carpenter

Based on review of submitted analytical data, be advised that the soil and sludges to be excavated are contaminated with substantial amounts of hazardous substances and consequently are classified as hazardous wastes. These wastes must be appropriately disposed of at either in-state or out-of-state hazardous waste facilities. To this end, I am forwarding a list of facilities that may be able to handle the L.E. Carpenter waste. Carpenter should make direct contact with one or more of these sites for final disposition requirements. Additionally, these wastes are to be manifested on the Solid Waste Administration's forms.

Please contact me should you have any further questions.

  
R.J.B.

hjc

cc: Bob Reed  
Bob Blum  
George Klepp

Attachment

Not Here

RECEIVED

JUN 21 1979

State of New Jersey  
Dept. Environmental Protection  
Division Water Resources

6/22

Called Buchanan (Helm) & told him to send directly to L.E. Carp.

346276





Attachment 1  
2/2/75

February 26, 1975

CHEMICALS USED AT L.E. CARPENTER & CO.

DYE HOUSE CHEMICALS

Di-Sodium Phosphate  
Borax  
Sodium Persulphate  
Sodium Hydroxide (50%)  
Hydrogen Peroxide (35%)  
Direct Dyes - Brown and Black  
Wetting Agents  
Lauryl pentachlorophenate

PRINT SHOP CHEMICALS

Acrylic and vinyl acrylic solvent printing vehicles

Solvents

MEK  
MIBK

Cyclohexanone  
Xylol

Naphtha

Printing ink color concentrates containing a variety of pigments including metals such as aluminum, cadmium, pearlessence, chromes, etc., as well as organic type pigments.

COATING DEPT. CHEMICALS

See 1/30/75 list prepared for Jersey City Water Works.

SAMPLES  
T/24779

Attachment 2  
5/17/79

SAMPLES COLLECTED: 1/4/79 at L.E. Carpenter Site

ANALYSIS	SAMPLE #1		SAMPLE #2		SAMPLE #3	SAMPLE #4
	WATER PHASE	MIXED PHASE	WATER PHASE	MIXED PHASE	MIXED PHASE	MIXED PHASE
<u>GENERAL</u>						
pH	7.5	-	7.1	-	7.2	7.1
COD	700.	24,000	170	17,500	290	80.
BOD	-	5,600	-	9,000	90	7.
Oil & Grease	3,100	>20,000*	6,300	>20,000*	80	20.
TDS	250.	-	110	-	240.	692.
TVDS	80.	-	110	-	184.	294.

ORGANICS

Total Phthalate Esters (P.E.)	30.	14,300	N	5,300	11.	1.2
Diethyl P.E.	25.	9,000	0	-	-	-
Dimethyl P.E.	10.	3,600	T	3,300	7.	0.8
Xylene	200.	6,200.	AVAILABLE	1,300	3.	0.3
Polyalkylene-Glycol	0.0	0.0	200.	1,900.	-	-
Phenols	0.65	-	0.0	0.0	0.0	0.0
			-	0.39	< 0.10	< 0.10

HEAVY METALS

Antimony	< 0.10	NOT	< 0.10	NOT	< 0.10	< 0.10
Titanium	0.12	AVAILABLE	0.08	AVAILABLE	< 0.05	< 0.05
Tin	< 0.20		< 0.20		< 0.20	< 0.20
Cadmium	< 0.005	0.006	< 0.005	0.007	< 0.005	< 0.005
Lead	< 0.02	0.04	< 0.02	< 0.020	0.155	< 0.020
Nickel	< 0.005	0.065	< 0.005	0.045	< 0.005	< 0.005
Zinc	0.020	0.166	0.019	0.125	0.037	< 0.005
Mercury	< 0.0001	0.0008	< 0.0001	< 0.0001	0.0004	< 0.0001
Arsenic	< 0.001	0.011	0.004	0.013	0.009	< 0.001

RESULTS IN MG/L

\*APPROXIMATE OIL & GREASE VALUES

Appx 10 ft. deep

Attachment 3  
5/17/79

MATERIALS STORED IN THE L. E. CARPENTER TANKS, WHARTON.

For locations of these tanks, refer to the site plan.  
The gallonage of these tanks is presently unknown.

<u>TANK #</u>	<u>CONTENTS</u>
1.....	Xylol
2.....	Napthalene
3.....	Pthalate Esters
4.....	A mixture of the above three
5.....	Butal Benzol Pthalate
6.....	Butal Benzol Pthalate
7.....	Epoxidized Soy-bean Oil
8.....	No. 6 Fuel Oil
9.....	No. 6 Fuel Oil
10.....	Old sludge material storage
11.....	Old sludge material storage

The location and contents of these tanks were obtained from  
Mr. Henry Jarrett, Chief Engineer for L. E. Carpenter, on  
May 7, 1979 during site inspection by the Department.